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REMARKS

Applicant thanks the Examiner for the very thorough consideration given the present application. In view of the above amendment, Applicant believes the pending application is in condition for allowance.

Claims 1-3, 5, 7, 10-13 and 15-20 are now present in this application. Claims 1, 12, 18 and 19 are independent. Claims 4, 6, 8, 9 and 14 have been canceled, claims 18-20 have been added, and claims 1-3, 5, 7, 10-13 and 15-17 have been amended. Reconsideration of this application, as amended, is respectfully requested.

Rejections Under 35 U.S.C. §§ 102 & 103

Claims 1, 4, 6 and 8-11 stand rejected under 35 U.S.C. § 102(e) as being anticipated by Gatto et al. Claims 2 and 3 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Gatto in view of Hill et al. Claim 5 stands rejected under 35 U.S.C. § 103(a) as being unpatentable over Gatto in view of Aratani et al. Claim 7 stands rejected under 35 U.S.C. § 103(a) as being unpatentable over Gatto in view of Yamamoto et al. Claims 12 and 14-17 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Gatto in view of Aratani et al. and Wugofski. Claim 13 stands rejected under 35 U.S.C. § 103(a) as being unpatentable over Gatto in view of Wugofski. These rejections are respectfully traversed.

A complete discussion of the Examiner's rejection is set forth in the Office Action, and is not being repeated here.

Amended independent claim 1 is directed to a method for registering an identifier for managing broadcasting channels of a display device, including "recording an image for endowing a viewing right of a broadcasting channel of the display device in a storing unit of the display device as an image identifier; and registering a preference broadcasting channel of the display device to the recorded image identifier." Amended independent claim 12 includes similar features in a varying scope. In particular, amended independent claim 12 is directed to a method for managing broadcasting channels of a display device, including, among other features,

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"allowing a memory card where photo images are recorded to be connected with the display device; displaying images recorded in the memory card on a screen of the display device; registering an image selected among the displayed images as an image identifier; recording a character as a character identifier; displaying a channel input item corresponding to the image identifier; and the character identifier on the screen; and registering user preference broadcasting channels to the channel input item."

The claimed invention relates to a method for registering an identifier for managing broadcasting channels of a display device which is capable of stably and effectively performing a broadcasting channel management by registering a preference broadcasting channel of the display device to a recorded image identifier and/or a recorded character identifier.

Gatto et al. discloses a unique user identification number (User ID) which may be exclusively internal to the interactive TV device. Further, users disclosed by Gatto et al. may access their profile or profiles and/or login to the present interactive TV device by selecting their picture 1042, 1044, 1046, 1048 or 1050 (alternatively, or some other personalized graphic) from among the pictures of other users of the device, as shown in FIG. 12 (see also page 2 of the Office Action). Each of the user logos disclosed by Gatto et al. is associated with a unique user ID (see paragraph [0072] of Gatto et al.). Each user may be represented within the device by a distinctive logo (their picture, for example), in the same manner as a TV channel is represented by its own distinctive logo (see paragraphs [0076] and [0077] of Gatto et al.).

However, Gatto et al. does not teach or suggest at least the recited features of "recording an image for endowing a viewing right of a broadcasting channel of the display device in a storing unit of the display device as an image identifier, and registering a preference broadcasting channel of the display device to the recorded image identifier", as recited in amended independent claim 1. Rather, Gatto et al. discloses representing a TV channel by a user distinctive logo. Similarly, Gatto et al. does not teach or suggest at least the cited features of "allowing a memory card where photo images are recorded to be connected with the display device," and "registering user preference broadcasting channels to the channel input item," as recited in amended independent claim 12.

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Further, Gatto et al. does not teach or suggest the recited features of recording an image for endowing a viewing right of a broadcasting channel of the display device in a storing unit of the display device as an image identifier, recording a character for endowing the viewing right as a character identifier, and registering a preference broadcasting channel of the display device to the recorded image identifier and the character identifier, as in the claimed invention.

Therefore, the present invention as claimed in independent claims 1 and 12 is not anticipated by Gatto et al.

As for the rejection of claims 2 and 3, Hill et al. disclose a category region 382 identifying the type of textual information which is provided in the user profile menu 286 (see FIG. 13). Further, Hill et al. disclose a keyboard region 386 which is provided for the user to input text characters, with the user highlighting and selecting individual keys within the keyboard region by use of the television remote cursor control (e.g., left and right) and SELECT buttons (See paragraphs [0046] and [0047]).

However, Hill et al. do not teach or suggest the recited features of "recording an image for endowing a viewing right of a broadcasting channel of the display device in a storing unit of the display device as an image identifier," and "registering a preference broadcasting channel of the display device to the recorded image identifier", as recited in amended claim 1, which claims 2 and 3, depend on. Rather, Hill et al. disclose providing the keyboard region 386 to input text characters by use of the television remote cursor control. Thus, Gato et al., even when combined with Hill et al. fails to teach or suggest the features of amended dependent claims 2 and 3.

Further, as for the rejection of claims 5 and 7, neither Aratani et al. nor Yamamoto et al. teaches or suggests the recited features of "recording an image for endowing a viewing right of a broadcasting channel of the display device in a storing unit of the display device as an image identifier; and registering a preference broadcasting channel of the display device to the recorded image identifier", as recited in amended independent claim 1. As for the rejection of claim 12, 13 and 14-17, Wugofski does not teach or suggest the features of "allowing a memory card where photo images are recorded to be connected with the display device," and "registering user

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preference broadcasting channels to the channel input item," as recited in amended independent claim 12.

In conclusion, the claimed invention as claimed in independent claims 1 and 12 is not anticipated by Gatto et al. and is patentable over Gatto et al. combined with Aratani et al., Yamamoto et al. and Wugofski, because the references as cited by the Examiner would not provide the recited feature of "recording an image for endowing a viewing right of a broadcasting channel of the display device in a storing unit of the display device as an image identifier, and registering a preference broadcasting channel of the display device to the recorded image identifier," "allowing a memory card where photo images are recorded to be connected with the display device," and "registering user preference broadcasting channels to the channel input item," and/or "recording an image for endowing a viewing right of a broadcasting channel of the display device in a storing unit of the display device as an image identifier, recording a character for managing the broadcasting channel as a character identifier, and registering a preference broadcasting channel of the display device to the recorded image identifier and the character identifier" as in the claimed invention. Further, claims 2-3, 5, 7, 10-11, 13, and 15-17 which depend from claims 1 and 12 respectively, are allowable for at least the reasons discussed above with respect to independent claims.

Claims Added

Claims 18-20 have been added to set forth the invention in a varying scope, and Applicant respectfully submits the new claims are fully supported by the originally filed application. It is respectfully submitted the new claims further define over the applied art.

Conclusion

All of the stated grounds of rejection have been properly traversed, accommodated, or rendered moot. Applicant therefore respectfully requests that the Examiner reconsider all presently outstanding rejections and that they be withdrawn. It is believed that a full and complete response

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has been made to the outstanding Office Action, and as such, the present application is in condition for allowance.

If the Examiner believes, for any reason, that personal communication will expedite prosecution of this application, the Examiner is invited to telephone Jun S. Ha, Registration No. 58,508, at (703) 205-8000, in the Washington, D.C. area.

Prompt and favorable consideration of this Amendment is respectfully requested.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. §§ 1.16 or 1.17; particularly, extension of time fees.

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Respectfully submitted,

By 

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